Adaptive Management Work Group October 25-26, 2004

Humpback Chub Comprehensive Research and Management Plan Update

<u>Issues with the Revised Version of the Document entitled "Status and Management Strategy for Humpback Chub in Grand Canyon"</u>

The document was revised at the recommendation of the Technical Work Group (October 2003) and the Science Advisors (reviewed July 2003) to add missing projects identified to AMWG (development of nonnative stocking procedures, and investigate control of diseases and parasites), address inconsistencies among projects in content and format, provide an opportunity for review by GCMRC for science and budget content, investigate for agreement with federal procurement guidelines, clarify linkages among projects to illustrate how they combine to form a comprehensive, strategic approach, and enhance the scientific foundation of the integration of research and management in the plan. It was intended that the plan would be considered by AMWG for transmission to the Secretary of the Interior for use by Fish and Wildlife Service in development of a recovery implementation program for humpback chub in Grand Canyon. The revision was done without an express directive from AMWG, but with the assumption that AMWG recognized the document would benefit from the additional effort. Contributors to the revision included Gary Burton, Bill Davis, Steve Gloss, Norm Henderson, Glen Knowles, Dennis Kubly, Bill Persons, and Larry Stevens.

The revised HBC Plan was first distributed to HBC Ad Hoc members on June 9, 2004, by Dennis Kubly. The same version was resent on July 7 by Sam Spiller. A conference call was held on August 3 and draft edits were made to Sections 1-4 of the document. There were sufficient differences of opinion on the content of Section 5 that an agreement was made to revise that section; revision was done by Glen Knowles, Dennis Kubly and Larry Stevens. A second version of the revised document, with edits of Sections 1-4.3 was sent out for review by Sam Spiller on August 17. A conference call was held on September 10 to discuss the revisions and a new project from Arizona Game and Fish Department was introduced. The Sep 10 conference call led to a conclusion that there likely were issues that could not be reconciled in time to send out the document in the AMWG package for the Oct 25-26 meeting. Therefore, it was agreed to develop a PowerPoint presentation that would portray the unresolved issues to AMWG and to seek guidance from them on how to proceed. The amended Section 5 was sent out for review on Sep 13. A conference call was held on Sep 20 to discuss the issues proposed for inclusion in the PowerPoint presentation. An insufficient number of responses prior to the call precluded an in-depth discussion of the issues. The subject matter of the call instead reverted to options or alternatives that AMWG might choose once the plan is revised.

The next step will be to decide which of these issues are included in the PowerPoint presentation. The PowerPoint presentation will be sent out to AMWG members as soon as it is completed.